

Title (en)

Scheduling and admission control of packet data traffic

Title (de)

Zeitplanungs- und Zugangskontrolle von Paketdatenverkehr

Title (fr)

Planification et contrôle d'admission de trafic de données en paquet

Publication

EP 2109265 B1 20150930 (EN)

Application

EP 09005702 A 19990715

Priority

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- EP 99113820 A 19990715

Abstract (en)

[origin: EP1069736A1] A method, apparatus and software program is provided for scheduling and admission controlling of real-time data packet traffic. Data packets are admitted or rejected for real-time processing according to throughput capabilities of a packet scheduler. A delivery deadline is determined for each payload data packet at the packet scheduler and packets are sorted into a time-stamp-based queue. Deadline violations are monitored, and an adaptation of payload data packets can be triggered on demand in order to enter a stable state. <IMAGE> <IMAGE> <IMAGE>

IPC 8 full level

H04L 12/54 (2013.01); **H04J 3/06** (2006.01); **H04L 12/64** (2006.01); **H04L 12/911** (2013.01); **H04N 21/647** (2011.01)

IPC 8 main group level

H04L (2006.01)

CPC (source: EP US)

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EP 1069736 A1 20010117; **EP 1069736 B1 20120905**; AU 6690900 A 20010205; AU 763220 B2 20030717; EP 2109265 A1 20091014; EP 2109265 B1 20150930; ES 2394623 T3 20130204; ES 2557892 T3 20160129; HU 229717 B1 20140528; HU P0201961 A2 20021028; IL 147513 A0 20020814; IL 147513 A 20070515; IL 179576 A 20071031; JP 2003505931 A 20030212; JP 2007312413 A 20071129; JP 4662670 B2 20110330; JP 4964046 B2 20120627; US 2004170198 A1 20040902; US 6728270 B1 20040427; US 7457243 B2 20081125; WO 0106714 A1 20010125

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